

ABSTRACT

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A forensic light source which comprises a flexible liquid light guide receiving light from a light source and transmitting it to a selected interference filter which tilts with respect to the light source is disclosed. The filter is mounted for rotation with respect to the output of the light guide. The light exiting the filter is passed through a mixing member made of a randomized fiber optic bundle, that is positioned to receive the output of the filter. The mixing member defines multiple paths for light between the input face and the output face which are configured to disperse light from one mixing member input face region to a plurality of mixing member output face regions.